---------- KWIC ---------

Detailed Description Text - DETX (350):
   In a second style, the reflection display is mainly
used for the display, in
which the power-consuming back light is turned ON/OFF
frequently depending on
the circumstances to save the power consumption, and
therefore, the back light
is turned ON only when the ambient light is so weak that
the display content
can not be seen by the reflection display alone (this
style is referred to as
the reflection-main transflective type, hereinafter).

Detailed Description Text - DETX (467):
   Unlike the conventional liquid crystal display of the
transmission type, the
back light does not have to be kept turned ON in the
liquid crystal display of
the present embodiment. Consequently, the present liquid
crystal display can
save the power consumption while causing no wash-out in
the reflection display
section 9; moreover, it can show the transmission display
using the back light,
as needed.

Detailed Description Text - DETX (481):
   Unlike the conventional liquid crystal display of the
transmission type, the
back light does not have to be kept turned ON in the
liquid crystal display of
the present embodiment. Consequently, the present liquid
crystal display can

US-PAT-NO: 6584571

DOCUMENT-IDENTIFIER: US 6584571 B1

TITLE: System and method of computer
operating mode clock
                        control for power consumption
reduction

---------- KWIC ---------

Brief Summary Text - BSTX (9):
   Prior art attempts at conserving power have employed
screen blanking which
reduces the power to the display screen when the screen
has not been used for
some period of time. Typically, a timeout circuit senses
changes in screen
information and, if no change has occurred for a
predetermined timeout period,
the **backlight to the screen is turned** off for **power
reduction**. While screen
blanking is effective in reducing power for the display
screen, no reduction
results in power to the driver circuitry for the display,
to the CPU, or to
other parts of the computer. Furthermore, when the
screen is blanked, the
computer cannot be used until reset.

save the power consumption while causing no wash-out in
the reflection display
section 9; moreover, it can show the transmission display
using the back light,
as needed.

Detailed Description Text - DETX (488):
   A second purpose is to save the power consumption.
There are cases where
the visibility is not affected much whether the back
light is turned ON or OFF.
An example of such a case would be when a liquid crystal
display of the
transflective type is used where the ambient light
lighting the liquid crystal
display has sufficiently high illuminance, so that the
luminance of the display
surface is maintained mainly by the reflection display
section. In this case,
the luminance of the display surface may not be affected
even if the luminance
of the transmission display is high, and in such a case,
it is preferable to
turn OFF the back light to save the power consumption.

Detailed Description Text - DETX (494):
   Further, in controlling the luminance of the back
light, if he back light is
only turned ON when the user manipulates the apparatus
including the liquid
crystal display, or for a fixed period thereafter, the
overall power
consumption of the apparatus can be saved, and the user
can be provided with
display he feels to be satisfactory. The luminance of
the back light may also
be controlled by any other applicable signal besides the
illuminance of the
light incident on the display surface.

Detailed Description Text - DETX (502):
   In the liquid crystal display incorporating the input
device assembled in
the above manner, the back light 13 can be turned OFF
when the user does not

observe the display and turned ON upon input of information into the touch
panel 71 by changing the luminance of the back light 13 in response to signals
from the touch panel. Consequently, the liquid crystal display of the present
embodiment can show satisfactory display while saving the power consumption.
In addition, according to the present embodiment, visibility can be improved by
providing the polarization plate 14, touch panel 71, and liquid crystal cell in
this order, because the polarization plate 14 also absorbs unwanted reflected
light from the touch panel 71, thus reducing such unwanted reflected light.

US-PAT-NO: 6380853

DOCUMENT-IDENTIFIER: US 6380853 B1

TITLE: Customer-sensitive dispenser using
proximity sensing

                              devices

---------- KWIC ---------

Detailed Description Text - DETX (14):
   The controller 20 may be adapted to control display
back-lighting 54 through
back-lighting control electronics 56. Depending on the
application, the
back-lighting may be decreased from a nominal operating
level or turned
completely off between fueling operations, to reduce heat
and conserve energy.
Preferably, once a customer is detected within a relative
proximity to the fuel
dispenser, the back-lighting is increased or turned on to
the normal operating
level in order to make the display content readily
visible to the customer as
well as draw the customer's attention to the display.

US-PAT-NO: 6329968

DOCUMENT-IDENTIFIER: US 6329968 B1

TITLE: Display device

---------- KWIC ---------

Brief Summary Text - BSTX (3):
    Such reflective **display** devices are used, for example,
in portable equipment
such as laptop computers, mobile telephones, personal
organizers etc. With a
view to **saving energy,** it is desirable that the **light
source can be turned** off
when there is sufficient ambient light.